

Release Notes

FortiAnalyzer 7.2.1



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Email: techdoc@fortinet.com



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FortiAnalyzer 7.2.1 Release Notes

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Change Log

Date	Change Description
2022-08-09	Initial release.
2022-08-09	Updated Resolved Issues on page 42 and Known Issues on page 45 .
2022-08-11	Updated Special Notices on page 10 .

FortiAnalyzer 7.2.1 Release

This document provides information about FortiAnalyzer version 7.2.1 build 1215.



The recommended minimum screen resolution for the FortiAnalyzer GUI is 1920 x 1080. Please adjust the screen resolution accordingly. Otherwise, the GUI may not display properly.

This section includes the following topics:

- [Supported models on page 6](#)
- [FortiAnalyzer VM subscription license on page 6](#)
- [Management extension applications on page 7](#)
- [FortiRecorder on page 8](#)

Supported models

FortiAnalyzer version 7.2.1 supports the following models:

FortiAnalyzer	FAZ-150G, FAZ-300F, FAZ-300G, FAZ-400E, FAZ-800F, FAZ-800G, FAZ-1000F, FAZ-2000E, FAZ-3000F, FAZ-3000G, FAZ-3500E, FAZ-3500F, FAZ-3500G, FAZ-3700F, and FAZ-3700G.
FortiAnalyzer VM	FAZ_DOCKER, FAZ_VM64, FAZ_VM64_ALI, FAZ_VM64_AWS, FAZ_VM64_AWSONdemand, FAZ_VM64_Azure, FAZ_VM64_GCP, FAZ_VM64_IBM, FAZ_VM64_HV (including Hyper-V 2016, 2019), FAZ_VM64_KVM, FAZ_VM64_OPC, FAZ_VM64_XEN (for both Citrix and Open Source Xen),



FAZ-300F supports the subscription license for the SOC service. However performance may be impacted because FAZ-300F has fewer resources and a smaller CPU than other FortiAnalyzer models that support the SOC service.

FortiAnalyzer VM subscription license

The FortiAnalyzer VM subscription license supports FortiAnalyzer version 6.4.1 and later. For information about supported firmware, see [FortiAnalyzer VM firmware on page 14](#).

See also [Appendix A - Default and maximum number of ADOMs supported on page 46](#).



You can use the FortiAnalyzer VM subscription license with new FAZ-VM installations. For existing FAZ-VM installations, you can migrate to a FortiAnalyzer VM subscription license, starting with FortiAnalyzer 7.0.1. See the [FortiAnalyzer 7.0.1 VM License Migration Guide](#).

Management extension applications

The following section describes supported models and minimum system requirements for management extension applications (MEA) in FortiAnalyzer 7.2.1.



FortiAnalyzer uses port TCP/443 or TCP/4443 to connect to the Fortinet registry and download MEAs. Ensure that the port is also open on any upstream FortiGates. For more information about incoming and outgoing ports, see the [FortiAnalyzer 7.0 Ports Guide](#).

Supported models for MEA

You can use any of the following FortiAnalyzer models as a host for management extension applications:

FortiAnalyzer	FAZ-3000F, FAZ-3000G, FAZ-3500E, FAZ-3500F, FAZ-3500G, FAZ-3700F, and FAZ-3700G.
FortiAnalyzer VM	FAZ_DOCKER, FAZ_VM64, FAZ_VM64_ALI, FAZ_VM64_AWS, FAZ_VM64_AWSOnDemand, FAZ_VM64_Azure, FAZ_VM64_GCP, FAZ_VM64_IBM, FAZ_VM64_HV (including Hyper-V 2016, 2019), FAZ_VM64_KVM, FAZ_VM64_OPC, FAZ_VM64_XEN (for both Citrix and Open Source Xen),

Minimum system requirements

By default FortiAnalyzer VMs use the following system resource settings:

- 4 vCPU
- 8 GB RAM
- 500 GB disk space

Starting with FortiAnalyzer 7.0.0, RAM and CPU is capped at 50% for MEAs. (Use the `config system docker` command to view the setting.) If FortiAnalyzer has 8 CPUs and 16 GB RAM, then only 4 CPUs and 8 GB RAM are available to MEAs by default, and the 4 CPUs and 8 GB RAM are used for all enabled MEAs.

Some MEAs have minimum system requirements that require you to increase system resources. The following table identifies the minimum requirements for each MEA as well as the recommended system resources to function well in a production environment.

MEA minimum system requirements apply only to the individual MEA and do not take into consideration any system requirements for resource-sensitive FortiAnalyzer features or multiple, enabled MEAs.

Management Extension Application	Minimum system requirements	Recommended system resources for production*
FortiSOAR	<ul style="list-style-type: none"> • 4 vCPU • 8 GB RAM • 500 GB disk storage 	<ul style="list-style-type: none"> • 16 vCPU • 64 GB RAM • No change for disk storage

*The numbers in the *Recommended system resources for production* column are a combination of the default system resource settings for FortiAnalyzer plus the minimum system requirements for the MEA.

FortiRecorder

This section identifies what FortiAnalyzer models support the FortiRecorder module and what FortiCamera models are supported.

Supported models for FortiRecorder

Below is a list of the FortiAnalyzer appliances that support the FortiRecorder module.

Platform	Maximum number of cameras
FAZ-300F	6
FAZ-400E	12
FAZ-800F	16
FAZ-1000F	50
FAZ-2000E	40
FAZ-3000F	50
FAZ-3500G	50
FAZ-3700F	60

Supported cameras

The FortiRecorder module supports the following FortiCamera models:

- FCM-CB20
- FCM-FD20
- FCM-FD20B
- FCM-FD40
- FCM-MB40
- FCM-MD20

- FCM-MD40
- FCM-OB30

Special Notices

This section highlights some of the operational changes that administrators should be aware of in FortiAnalyzer version 7.2.1.

Setup wizard requires FortiCare registration

Starting in FortiAnalyzer 7.2.1, the FortiAnalyzer Setup wizard requires you to complete the *Register with FortiCare* step before you can access the FortiAnalyzer appliance or VM. Previously the step was optional.

For FortiAnalyzer units operating in a closed environment, contact customer service to receive an entitlement file, and then load the entitlement file to FortiAnalyzer by using the CLI.

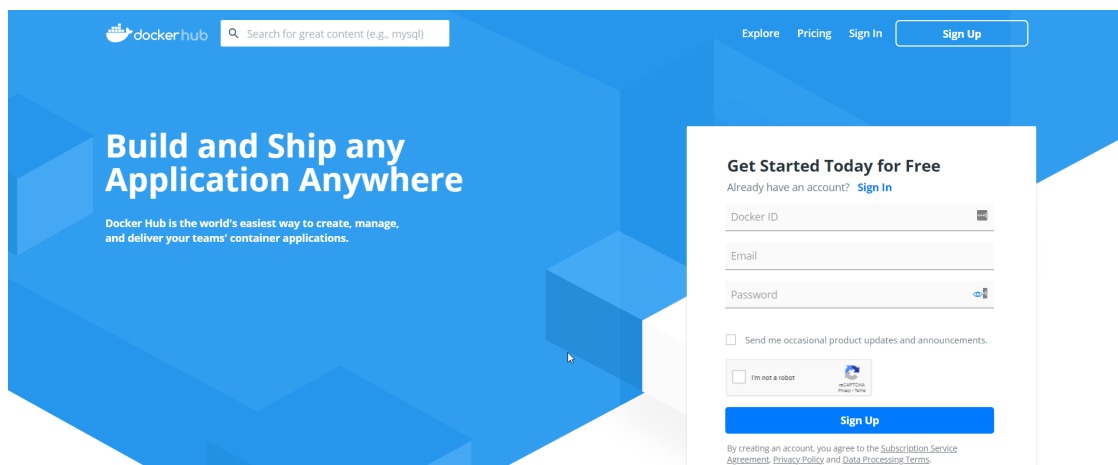
When FortiManager is managing FortiAnalyzer in a closed environment, FortiManager contains the FortiAnalyzer contract information, and you can point FortiAnalyzer to FortiManager.

Fortinet verified publisher docker image

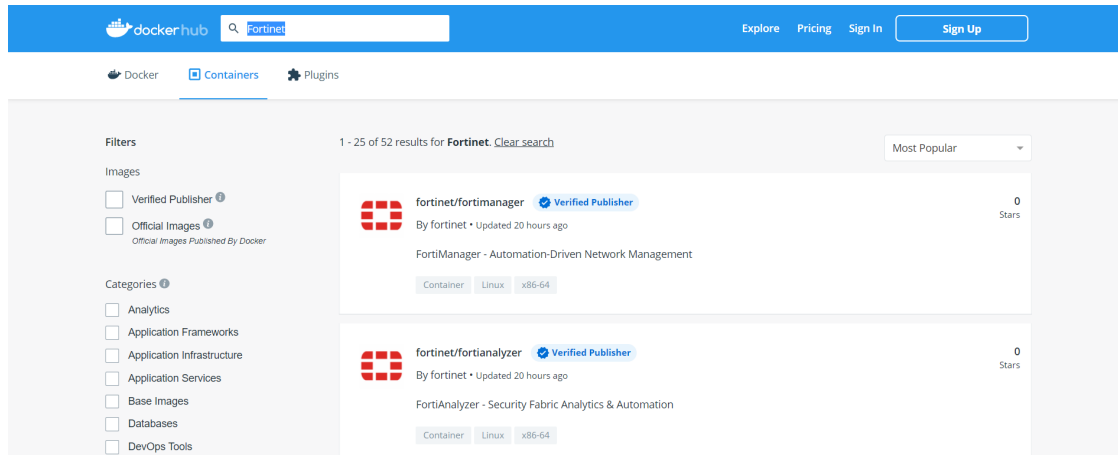
FortiAnalyzer 7.0.1 docker image is available for download from Fortinet's Verified Publisher public repository on dockerhub.

To download the FortiAnalyzer image from dockerhub:

1. Go to dockerhub at <https://hub.docker.com/>.
The dockerhub home page is displayed.

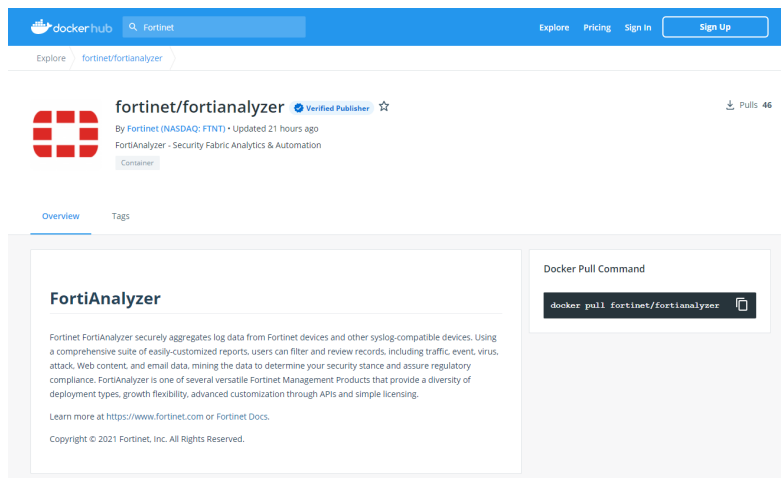


2. In the banner, click *Explore*.
3. In the search box, type *Fortinet*, and press *Enter*.
The *fortinet/fortimanager* and *fortinet/fortianalyzer* options are displayed.



4. Click *fortinet/fortianalyzer*.

The *fortinet/fortianalyzer* page is displayed, and two tabs are available: *Overview* and *Tags*. The *Overview* tab is selected by default.



5. On the *Overview* tab, copy the docker pull command, and use it to download the image.

The CLI command from the *Overview* tab points to the latest available image. Use the *Tags* tab to access different versions when available.

Hyperscale firewall mode

FortiAnalyzer does not support logs from the following models when they have hyperscale firewall mode and netflow enabled:

- FortiGate-1800F
- FortiGate-1801F
- FortiGate-2600F
- FortiGate-2601F
- FortiGate-4200F
- FortiGate-4201F

- FortiGate-4400F
- FortiGate-4401F

FortiAnalyzer only supports logs when the normal firewall mode with standard FortiGate logging are enabled.

Modifying the interface status with the CLI

Starting in version 7.0.1, the CLI to modify the interface status has been changed from `up/down` to `enable/disable`.

For example:

```
config system interface
  edit port2
    set status <enable/disable>
  next
end
```

Citrix XenServer default limits and upgrade

Citrix XenServer limits ramdisk to 128M by default. However the FAZ-VM64-XEN image is larger than 128M. Before updating to FortiAnalyzer 6.4, increase the size of the ramdisk setting on Citrix XenServer.

To increase the size of the ramdisk setting:

1. On Citrix XenServer, run the following command:

```
xenstore-write /mh/limits/pv-ramdisk-max-size 536,870,912
```
2. Confirm the setting is in effect by running `xenstore-ls`.

```
limits = ""
pv-kernel-max-size = "33554432"
pv-ramdisk-max-size = "536,870,912"
boot-time = ""
```

3. Remove the pending files left in `/run/xen/pygrub`.



The ramdisk setting returns to the default value after rebooting.

FortiAnalyzer VM upgrade requires more memory

When upgrading FortiAnalyzer VM units from FortiAnalyzer 6.2.x to FortiAnalyzer 6.4.0 and later, the upgrade may fail because of memory allocation.

Workaround: Before upgrading FortiAnalyzer VM to FortiAnalyzer 6.4.0 and later, change the memory allocation to 8 GB of RAM.

Maximum ADOM limits for FortiAnalyzer

FortiAnalyzer hardware devices and VMs display a warning when the maximum number of ADOMs is reached or exceeded. The platform does not enforce the limit; however, adding more ADOMs may affect the performance of the unit. For more details, see [Appendix A - Default and maximum number of ADOMs supported on page 46](#).

Port 8443 reserved

Port 8443 is reserved for https-logging from FortiClient EMS for Chromebooks. See also [FortiAnalyzer 7.0 Ports Reference](#) on the Docs Library.

Hyper-V FortiAnalyzer-VM running on an AMD CPU

A Hyper-V FAZ-VM running on a PC with an AMD CPU may experience a kernel panic. Fortinet recommends running VMs on an Intel-based PC.

SSLv3 on FortiAnalyzer-VM64-AWS

Due to known vulnerabilities in the SSLv3 protocol, FortiAnalyzer-VM64-AWS only enables TLSv1 by default. All other models enable both TLSv1 and SSLv3. If you wish to disable SSLv3 support, please run:

```
config system global
    set ssl-protocol tlsv1
end
```

Upgrade Information



Prior to upgrading your FortiAnalyzer, please review the FortiAnalyzer upgrade guide in detail as it includes all of the necessary steps and associated details required to upgrade your FortiAnalyzer device or VM.

You can upgrade FortiAnalyzer 7.0.0 or later directly to 7.2.1.

This section contains the following topics:

- [Downgrading to previous firmware versions on page 14](#)
- [Firmware image checksums on page 14](#)
- [FortiAnalyzer VM firmware on page 14](#)
- [SNMP MIB files on page 16](#)

Downgrading to previous firmware versions

FortiAnalyzer does not provide a full downgrade path. You can downgrade to a previous firmware release by using the GUI or CLI, but doing so results in configuration loss. A system reset is required after the firmware downgrade process has completed. To reset the system, use the following CLI commands via a console port connection:

```
execute reset {all-settings | all-except-ip}  
execute format {disk | disk-ext4 | disk-ext3}
```

Firmware image checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the Customer Service & Support portal, <https://support.fortinet.com>. After logging in, go to *Download > Firmware Image Checksums*, enter the image file name including the extension, and select *Get Checksum Code*.

FortiAnalyzer VM firmware

Fortinet provides FortiAnalyzer VM firmware images for Amazon AWS, Amazon AWSOnDemand, Citrix and Open Source XenServer, Linux KVM, Microsoft Hyper-V Server, and VMware ESX/ESXi virtualization environments.

Amazon Web Services

- The 64-bit Amazon Machine Image (AMI) is available on the AWS marketplace.

Citrix XenServer and Open Source XenServer

- `.out`: Download the 64-bit firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.out.OpenXen.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation. This package contains the QCOW2 file for the Open Source Xen Server.
- `.out.CitrixXen.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation. This package contains the Citrix XenServer Virtual Appliance (XVA), Virtual Hard Disk (VHD), and OVF files.

Google Cloud Platform

- `.out`: Download the 64-bit firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.out.gcp.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation.

Linux KVM

- `.out`: Download the 64-bit firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.out.kvm.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation. This package contains QCOW2 that can be used by qemu.

Microsoft Azure

The files for Microsoft Azure have AZURE in the filenames, for example `<product>_VM64_AZURE-v<number>-build<number>-FORTINET.out.hyperv.zip`.

- `.out`: Download the firmware image to upgrade your existing FortiAnalyzer VM installation.

Microsoft Hyper-V Server

The files for Microsoft Hyper-V Server have HV in the filenames, for example, `<product>_VM64_HV-v<number>-build<number>-FORTINET.out.hyperv.zip`.

- `.out`: Download the firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.hyperv.zip`: Download the package for a new FortiAnalyzer VM installation. This package contains a Virtual Hard Disk (VHD) file for Microsoft Hyper-V Server.



Microsoft Hyper-V 2016 is supported.

Oracle Private Cloud

- `.out`: Download the 64-bit firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.out.opc.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation.

VMware ESX/ESXi

- `.out`: Download the 64-bit firmware image to upgrade your existing VM installation.
- `.ovf.zip`: Download either the 64-bit package for a new VM installation. This package contains an Open Virtualization Format (OVF) file for VMware and two Virtual Machine Disk Format (VMDK) files used by the OVF file during deployment.



For more information, see the [FortiAnalyzer Data Sheet](#) available on the Fortinet web site. VM installation guides are available in the [Fortinet Document Library](#).

SNMP MIB files

You can download the *FORTINET-FORTIMANAGER-FORTIANALYZER.mib* MIB file in the firmware image file folder. The Fortinet Core MIB file is located in the main FortiAnalyzer version 5.00 file folder.

Product Integration and Support

This section lists FortiAnalyzer 7.2.1 support of other Fortinet products. It also identifies what FortiAnalyzer features are supported for managed platforms and what languages FortiAnalyzer supports. It also lists which Fortinet models can be managed by FortiAnalyzer.

The section contains the following topics:

- [Supported software on page 17](#)
- [Feature support on page 22](#)
- [Language support on page 22](#)
- [Supported models on page 23](#)

Supported software

FortiAnalyzer 7.2.1 supports the following software:

- [Web browsers on page 18](#)
- [FortiOS and FortiOS Carrier on page 18](#)
- [FortiADC on page 18](#)
- [FortiNDR and FortiAI on page 18](#)
- [FortiAnalyzer on page 19](#)
- [FortiAuthenticator on page 19](#)
- [FortiCache on page 19](#)
- [FortiClient on page 19](#)
- [FortiDDoS on page 19](#)
- [FortiDeceptor on page 19](#)
- [FortiFirewall and FortiFirewallCarrier on page 20](#)
- [FortiMail on page 20](#)
- [FortiManager on page 20](#)
- [FortiNAC on page 20](#)
- [FortiProxy on page 20](#)
- [FortiSandbox on page 21](#)
- [FortiSOAR on page 21](#)
- [FortiSwitch ATCA on page 21](#)
- [FortiWeb on page 21](#)
- [Virtualization on page 21](#)



To confirm that a device model or firmware version is supported by the current firmware version running on FortiAnalyzer, run the following CLI command:

```
diagnose dvm supported-platforms list
```



Always review the Release Notes of the supported platform firmware version before upgrading your device.

Web browsers

FortiAnalyzer 7.2.1 supports the following web browsers:

- Microsoft Edge 80 (80.0.361 or later)
- Mozilla Firefox version 96
- Google Chrome version 97

Other web browsers may function correctly, but are not supported by Fortinet.

FortiOS and FortiOS Carrier



The *FortiAnalyzer Release Notes* communicate support for FortiOS versions that are available at the time of the FortiAnalyzer 7.2.1 release. For additional information about other supported FortiOS versions, please refer to the FortiAnalyzer compatibility chart in the [Fortinet Document Library](#).

See [FortiAnalyzer compatibility with FortiOS](#).

FortiAnalyzer 7.2.1 supports the following versions of FortiOS and FortiOS Carrier:

- 7.2.0 to 7.2.1
- 7.0.0 to 7.0.6
- 6.4.0 to 6.4.9
- 6.2.0 to 6.2.11
- 6.0.0 to 6.0.14
- 5.6.0 to 5.6.14

FortiADC

FortiAnalyzer 7.2.1 supports the following versions of FortiADC:

- 7.0.0 and later
- 6.2.0 and later
- 6.1.0 and later

FortiNDR and FortiAI

FortiAnalyzer 7.2.1 supports the following versions of FortiNDR (formerly FortiAI):

- 7.0.0 and later
- 1.5 and later

FortiAnalyzer

FortiAnalyzer 7.2.1 supports the following versions of FortiAnalyzer:

- 7.2.0 and later
- 7.0.0 and later
- 6.4.0 and later

FortiAuthenticator

FortiAnalyzer 7.2.1 supports the following versions of FortiAuthenticator:

- 6.4.0 and later
- 6.3.0 and later
- 6.2.0 and later

FortiCache

FortiAnalyzer 7.2.1 supports the following versions of FortiCache:

- 4.2.0 and later
- 4.1.0 and later
- 4.0.0 and later

FortiClient

FortiAnalyzer 7.2.1 supports the following versions of FortiClient:

- 7.0.0 and later
- 6.4.0 and later
- 6.2.1 and later

FortiDDoS

FortiAnalyzer 7.2.1 supports the following versions of FortiDDoS:

- 6.3.0 and later
- 6.2.0 and later
- 6.1.0 and later

Limited support. For more information, see [Feature support on page 22](#).

FortiDeceptor

FortiAnalyzer 7.2.1 supports the following versions of FortiDeceptor:

- 4.2.0 and later
- 4.1.0 and later
- 4.0.0 and later

FortiFirewall and FortiFirewallCarrier

FortiAnalyzer 7.2.1 supports the following versions of FortiFirewall and FortiFirewallCarrier:

- 7.2.0 and later
- 7.0.0 and later
- 6.4.0 and later
- 6.2.0 and later
- 6.0.0 and later
- 5.6.0 and later

FortiMail

FortiAnalyzer 7.2.1 supports the following versions of FortiMail:

- 7.2.0 and later
- 7.0.0 and later
- 6.4.0 and later

FortiManager

FortiAnalyzer 7.2.1 supports the following versions of FortiManager:

- 7.0.0 and later
- 6.4.0 and later
- 6.2.0 and later

FortiNAC

FortiAnalyzer 7.2.1 supports the following versions of FortiNAC:

- 9.4.0 and later
- 9.2.0 and later
- 9.1.0 and later

FortiProxy

FortiAnalyzer 7.2.1 supports the following versions of FortiProxy:

- 7.0.0 and later
- 2.0.0 and later
- 1.2.0 and later

FortiSandbox

FortiAnalyzer 7.2.1 supports the following versions of FortiSandbox:

- 4.2.0 and later
- 4.0.0 and later
- 3.2.0 and later

FortiSOAR

FortiAnalyzer 7.2.1 supports the following versions of FortiSOAR:

- 7.2.0 and later
- 7.0.0 and later
- 6.4.0 and later

FortiSwitch ATCA

FortiAnalyzer 7.2.1 supports the following versions of FortiSwitch ATCA:

- 5.2.0 and later
- 5.0.0 and later
- 4.3.0 and later

FortiWeb

FortiAnalyzer 7.2.1 supports the following versions of FortiWeb:

- 7.0.0 and later
- 6.4.0 and later
- 6.3.0 and later

Virtualization

FortiAnalyzer 7.2.1 supports the following virtualization software:

- Amazon Web Service AMI, Amazon EC2, Amazon EBS
- Citrix XenServer 7.2
- Google Cloud Platform
- Linux KVM Redhat 7.1
- Microsoft Azure
- Microsoft Hyper-V Server 2012, 2016, and 2019
- Nutanix AHV (AOS 5.10.5)
- OpenSource XenServer 4.2.5
- Oracle Private Cloud
- VMware ESXi versions 5.0, 5.5, 6.0, 6.5 , 6.7, and 7.0

Feature support

The following table lists FortiAnalyzer feature support for log devices.

Platform	Log View	FortiView	Event Management	Reports
FortiGate	✓	✓	✓	✓
FortiCarrier	✓	✓	✓	✓
FortiADC	✓		✓	
FortiAI	✓	✓	✓	✓
FortiAnalyzer	✓		✓	
FortiAuthenticator	✓			
FortiCache	✓		✓	✓
FortiClient registered to FortiGate	✓	✓		✓
FortiClient registered to FortiClient EMS	✓	✓		✓
FortiDDoS	✓	✓	✓	✓
FortiDeceptor	✓			
FortiFirewall	✓	✓	✓	✓
FortiMail	✓		✓	✓
FortiManager	✓		✓	
FortiNAC	✓			
FortiProxy	✓		✓	✓
FortiSandbox	✓		✓	✓
FortiSOAR	✓		✓	✓
FortiWeb	✓		✓	✓
Syslog	✓		✓	✓

Language support

The following table lists FortiAnalyzer language support information.

Language	GUI	Reports
English	✓	✓
Chinese (Simplified)	✓	✓
Chinese (Traditional)	✓	✓
French	✓	✓
Hebrew		✓
Hungarian		✓
Japanese	✓	✓
Korean	✓	✓
Portuguese		✓
Russian		✓
Spanish		✓

To change the FortiAnalyzer language setting, go to *System Settings > Admin > Admin Settings*, in *Administrative Settings > Language* select the desired language on the drop-down menu. The default value is *Auto Detect*.

Russian, Hebrew, and Hungarian are not included in the default report languages. You can create your own language translation files for these languages by exporting a predefined language from FortiAnalyzer, modifying the text to a different language, saving the file as a different language name, and then importing the file into FortiAnalyzer. For more information, see the *FortiAnalyzer Administration Guide*.

Supported models

The following tables list which FortiGate, FortiCarrier, FortiDDoS, FortiAnalyzer, FortiMail, FortiSandbox, FortiSwitch ATCA, FortiWeb, FortiCache, FortiProxy, and FortiAuthenticator models and firmware versions that can be managed by a FortiManager or send logs to a FortiManager running version 7.2.1.



Software license activated LENC devices are supported, if their platforms are in the supported models list. For example, support of FG-3200D indicates support of FG-3200D-LENC.

This section contains the following topics:

- [FortiGate models on page 24](#)
- [FortiGate special branch models on page 29](#)
- [FortiCarrier models on page 32](#)
- [FortiCarrier special branch models on page 34](#)
- [FortiADC models on page 36](#)
- [FortiNDR and FortiAI models on page 36](#)
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- [FortiProxy models on page 40](#)
- [FortiSandbox models on page 40](#)
- [FortiSOAR models on page 40](#)
- [FortiSwitch ATCA models on page 40](#)
- [FortiWeb models on page 41](#)

FortiGate models

The following FortiGate models are released with FortiOS firmware. For information about supported FortiGate models on special branch releases of FortiOS firmware, see [FortiGate special branch models on page 29](#).

Model	Firmware Version
FortiGate: FortiGate-40F, FortiGate-40F-3G4G, FortiGate-60E, FortiGate-60E-DSL, FortiGate-60E-DSLJ, FortiGate-60E-POE, FortiGate-60F, FortiGate-61E, FortiGate-61F, FortiGate-80E, FortiGate-80E-POE, FortiGate-80F, FortiGate-80F-Bypass, FortiGate-80F-POE, FortiGate-81E, FortiGate-81E-POE, FortiGate-81F, FortiGate-81F-POE, FortiGate-90E, FortiGate-91E, FortiGate-100E, FortiGate-100EF, FortiGate-100F, FortiGate-101E, FortiGate-101F, FortiGate-140E, FortiGate-140E-POE, FortiGate-200E, FortiGate-200F, FortiGate-201E, FortiGate-201F, FortiGate-300D, FortiGate-300E, FortiGate-301E, FortiGate-400D, FortiGate-400E, FortiGate-400E-Bypass, FortiGate-401E, FortiGate-500E, FortiGate-501E, FortiGate-600D, FortiGate-600E, FortiGate-601E, FortiGate-800D, FortiGate-900D, FortiGate-1000D, FortiGate-1100E, FortiGate-1101E, FortiGate-1200D, FortiGate-1500D, FortiGate-1500DT, FortiGate-1800F, FortiGate-1801F, FortiGate-2000E, FortiGate-2200E, FortiGate-2201E, FortiGate-2500E, FortiGate-2600F, FortiGate-2601F, FortiGate-3000D, FortiGate-3100D, FortiGate-3200D, FortiGate-3300E, FortiGate-3301E, FortiGate-3400E, FortiGate-3401E, FortiGate-3500F, FortiGate-3501F, FortiGate-3600E, FortiGate-3601E, FortiGate-3700D, FortiGate-3800D, FortiGate-3960E, FortiGate-3980E, FortiGate-4200F, FortiGate-4201F, FortiGate-4400F, FortiGate-4401F FortiGate 5000 Series: FortiGate-5001E, FortiGate-5001E1 FortiGate DC: FortiGate-401E-DC, FortiGate-800D-DC, FortiGate-1100E-DC, FortiGate-1500D-DC, FortiGate-1800F-DC, FortiGate-1801F-DC, FortiGate-2201E-ACDC, FortiGate-2600F-DC, FortiGate-2601F-DC, FortiGate-3000D-DC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3400E-DC, FortiGate-3401E-DC, FortiGate-3600E-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3960E-ACDC, FortiGate-3960E-DC, FortiGate-3980E-DC, FortiGate-4200F-DC, FortiGate-4201F-DC, FortiGate-4400F-DC, FortiGate-4401F-DC FortiWiFi: FWF-60E, FWF-60E-DSL, FWF-60E-DSLJ, FWF-60F, FWF-61E, FWF-61F, FWF-80F-2R, FWF-81F-2R, FWF-81F-2R-3G4G-POE, FWF-81F-2R-POE	7.2

Model	Firmware Version
FortiGate VM: FortiGate-ARM64-AWS, FortiGate-ARM64-KVM, FortiGate-VM64, FortiGate-VM64-ALI, FortiGate-VM64-AWS, FortiGate-VM64-Azure, FortiGate-VM64-GCP, FortiGate-VM64-HV, FortiGate-VM64-IBM, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-RAXONDEMAND, FortiGate-VM64-XEN, FortiGate-VMX-Service-Manager FortiOS-VM: FOS-VM64, FOS-VM64-HV, FOS-VM64-KVM, FOS-VM64-Xen FortiGate Rugged: FGR-60F, FGR-60F-3G4G	
FortiGate: FortiGate-40F, FortiGate-40F-3G4G, FortiGate-60E, FortiGate-60E-DSL, FortiGate-60E-DSLJ, FortiGate-60E-POE, FortiGate-60F, FortiGate-61E, FortiGate-61F, FortiGate-80E, FortiGate-80E-POE, FortiGate-80F, FortiGate-80F-Bypass, FortiGate-80F-POE, FortiGate-81E, FortiGate-81E-POE, FortiGate-81F, FortiGate-81F-POE, FortiGate-90E, FortiGate-91E, FortiGate-100E, FortiGate-100EF, FortiGate-100F, FortiGate-101E, FortiGate-101F, FortiGate-140E, FortiGate-140E-POE, FortiGate-200E, FortiGate-200F, FortiGate-201E, FortiGate-201F, FortiGate-300D, FortiGate-300E, FortiGate-301E, FortiGate-400D, FortiGate-400E, FortiGate-400E-Bypass, FortiGate-401E, FortiGate-500D, FortiGate-500E, FortiGate-501E, FortiGate-600D, FortiGate-600E, FortiGate-601E, FortiGate-800D, FortiGate-900D, FortiGate-1000D, FortiGate-1100E, FortiGate-1101E, FortiGate-1200D, FortiGate-1500D, FortiGate-1500DT, FortiGate-1800F, FortiGate-1801F, FortiGate-2000E, FortiGate-2200E, FortiGate-2201E, FortiGate-2500E, FortiGate-2600F, FortiGate-2601F, FortiGate-3000D, FortiGate-3100D, FortiGate-3200D, FortiGate-3300E, FortiGate-3301E, FortiGate-3400E, FortiGate-3401E, FortiGate-3500F, FortiGate-3501F, FortiGate-3600E, FortiGate-3601E, FortiGate-3700D, FortiGate-3800D, FortiGate-3810D, FortiGate-3815D, FortiGate-3960E, FortiGate-3980E, FortiGate-4200F, FortiGate-4201F, FortiGate-4400F, FortiGate-4401F, FortiGate 5000 Series: FortiGate-5001D, FortiGate-5001E, FortiGate-5001E1 FortiGate DC: FortiGate-401E-DC, FortiGate-800D-DC, FortiGate-1100E-DC, FortiGate-1500D-DC, FortiGate-1800F-DC, FortiGate-1801F-DC, FortiGate-2201E-ACDC, FortiGate-2600F-DC, FortiGate-2601F-DC, FortiGate-3000D-DC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3400E-DC, FortiGate-3401E-DC, FortiGate-3600E-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3810D-DC, FortiGate-3815D-DC, FortiGate-3960E-ACDC, FortiGate-3960E-DC, FortiGate-3980E-DC, FortiGate-4200F-DC, FortiGate-4201F-DC, FortiGate-4400F-DC, FortiGate-4401F-DC FortiWiFi: FWF-60E, FWF-60E-DSL, FWF-60E-DSLJ, FWF-60F, FWF-61E, FWF-61F, FWF-80F-2R, FWF-81F-2R, FWF-81F-2R-3G4G-POE, FWF-81F-2R-POE FortiGate VM: FortiGate-ARM64-KVM, FortiGate-VM64, FortiGate-VM64-ALI, FortiGate-VM64-AWS, FortiGate-VM64-Azure, FortiGate-VM64-GCP, FortiGate-VM64-HV, FortiGate-VM64-IBM, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-RAXONDEMAND, FortiGate-VM64-XEN, FortiGate-VMX-Service-Manager FortiOS-VM: FOS-VM64, FOS-VM64-HV, FOS-VM64-KVM, FOS-VM64-Xen FortiGate Rugged: FGR-60F, FGR-60F-3G4G	7.0

Model	Firmware Version
FortiGate: FortiGate-40F, FortiGate-40F-3G4G, FortiGate-60E, FortiGate-60E-DSL, FortiGate-60E-DSLJ, FortiGate-60E-POE, FortiGate-60F, FortiGate-61E, FortiGate-61F, FortiGate-80E, FortiGate-80E-POE, FortiGate-80F, FortiGate-80F-Bypass, FortiGate-80F-POE, FortiGate-81E, FortiGate-81E-POE, FortiGate-81F, FortiGate-81F-POE, FortiGate-90E, FortiGate-91E, FortiGate-100D, FortiGate-100E, FortiGate-100EF, FortiGate-100F, FortiGate-101E, FortiGate-101F, FortiGate-140E, FortiGate-140E-POE, FortiGate-200E, FortiGate-200F, FortiGate-201E, FortiGate-201F, FortiGate-300D, FortiGate-300E, FortiGate-301E, FortiGate-400D, FortiGate-400E, FortiGate-400E-Bypass, FortiGate-401E, FortiGate-500D, FortiGate-500E, FortiGate-501E, FortiGate-600D, FortiGate-600E, FortiGate-601E, FortiGate-800D, FortiGate-900D, FortiGate-1000D, FortiGate-1100E, FortiGate-1101E, FortiGate-1200D, FortiGate-1500D, FortiGate-1500DT, FortiGate-1800F, FortiGate-1801F, FortiGate-2000E, FortiGate-2200E, FortiGate-2201E, FortiGate-2500E, FortiGate-2600F, FortiGate-2601F, FortiGate-3000D, FortiGate-3100D, FortiGate-3200D, FortiGate-3300E, FortiGate-3301E, FortiGate-3400E, FortiGate-3401E, FortiGate-3600E, FortiGate-3601E, FortiGate-3700D, FortiGate-3800D, FortiGate-3810D, FortiGate-3815D, FortiGate-3960E, FortiGate-3980E, FortiGate-4200F, FortiGate-4201F, FortiGate-4400F, FortiGate-4401F,	6.4
FortiGate 5000 Series: FortiGate-5001D, FortiGate-5001E, FortiGate-5001E1	
FortiGate DC: FortiGate-401E-DC, FortiGate-800D-DC, FortiGate-1100E-DC, FortiGate-1500D-DC, FortiGate-1800F-DC, FortiGate-1801F-DC, FortiGate-2201E-ACDC, FortiGate-2600F-DC, FortiGate-2601F-DC, FortiGate-3000D-DC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3400E-DC, FortiGate-3401E-DC, FortiGate-3600E-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3810D-DC, FortiGate-3815D-DC, FortiGate-3960E-ACDC, FortiGate-3960E-DC, FortiGate-3980E-DC, FortiGate-4200F-DC, FortiGate-4201F-DC, FortiGate-4400F-DC, FortiGate-4401F-DC	
FortiGate Hardware Low Encryption: FortiGate-100D-LENC	
FortiWiFi: FWF-40F, FWF-40F-3G4G, FWF-60E, FWF-60E-DSL, FWF-60E-DSLJ, FWF-60F, FWF-61E, FWF-61F, FWF-80F-2R, FWF-81F-2R, FWF-81F-2R-3G4G-POE, FWF-81F-2R-POE	
FortiGate VM: FortiGate-VM64, FortiGate-VM64-ALI, FortiGate-VM64-ALIONDEMAND, FortiGate-VM64-AWS, FortiGate-VM64-AZUREONDEMAND, FortiGate-VM64-Azure, FortiGate-VM64-GCP, VM64-GCPONDEMAND, FortiGate-VM64-HV, FortiGate-VM64-IBM, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-RAXONDEMAND, FortiGate-VM64-XEN, FortiGate-VMX-Service-Manager	
FortiOS-VM: FOS-VM64, FOS-VM64-HV, FOS-VM64-KVM, FOS-VM64-Xen	
FortiGate Rugged: FGR-60F, FGR-60F-3G4G	

Model	Firmware Version
FortiGate: FortiGate-30E, FortiGate-30E-3G4G-GBL, FortiGate-30E-3G4G-INTL, FortiGate-30E-3G4G-NAM, FortiGate-40F, FortiGate-40F-3G4G, FortiGate-50E, FortiGate-51E, FortiGate-52E, FortiGate-60E, FortiGate-60E-DSL, FortiGate-60E-DSLJ, FortiGate-60E-POE, FortiGate-60F, FortiGate-61E, FortiGate-61F, FortiGate-80E, FortiGate-80E-POE, FortiGate-80F, FortiGate-80F-Bypass, FortiGate-80F-POE, FortiGate-81E, FortiGate-81E-POE, FortiGate-81F, FortiGate-81F-POE, FortiGate-90E, FortiGate-91E, FortiGate-92D, FortiGate-100D, FortiGate-100E, FortiGate-100EF, FortiGate-100F, FortiGate-101E, FortiGate-101F, FortiGate-140D, FortiGate-140D-POE, FortiGate-140E, FortiGate-140E-POE, FortiGate-200E, FortiGate-200F, FortiGate-201E, FortiGate-300D, FortiGate-300E, FortiGate-301E, FortiGate-400D, FortiGate-400E, FortiGate-400E-Bypass, FortiGate-401E, FortiGate-500D, FortiGate-500E, FortiGate-501E, FortiGate-600D, FortiGate-600E, FortiGate-601E, FortiGate-800D, FortiGate-900D, FortiGate-1000D, FortiGate-1100E, FortiGate-1101E, FortiGate-1200D, FortiGate-1500D, FortiGate-1500DT, FortiGate-2000E, FortiGate-2200E, FortiGate-2201E, FortiGate-2500E, FortiGate-3000D, FortiGate-3100D, FortiGate-3200D, FortiGate-3300E, FortiGate-3301E, FortiGate-3400E, FortiGate-3401E, FortiGate-3600E, FortiGate-3700D, FortiGate-3800D, FortiGate-3810D, FortiGate-3815D, FortiGate-3960E, FortiGate-3980E FortiGate 5000 Series: FortiGate-5001D, FortiGate-5001E, FortiGate-5001E1 FortiGate DC: FortiGate-401E-DC, FortiGate-800D-DC, FortiGate-1100E-DC, FortiGate-1500D-DC, FortiGate-2201E-ACDC, FortiGate-3000D-DC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3400E-DC, FortiGate-3401E-DC, FortiGate-3600E-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3810D-DC, FortiGate-3815D-DC, FortiGate-3960E-ACDC, FortiGate-3960E-DC, FortiGate-3980E-DC FortiGate Hardware Low Encryption: FortiGate-100D-LENC FortiWiFi: FWF-30E, FWF-30E-3G4G-INTL, FWF-30E-3G4G-NAM, FWF-40F, FWF-40F-3G4G, FWF-50E, FWF-50E-2R, FWF-51E, FWF-60E, FWF-60E-DSL, FWF-60E-DSLJ, FWF-60F, FWF-61E, FWF-61F, FWF-80F-2R, FortiWiFi-80F-2R-3G4G-DSL, FWF-81F-2R, FWF-81F-2R-POE FortiGate VM: FortiGate-VM64, FortiGate-VM64-ALI, FortiGate-VM64-ALIONDEMAND, FortiGate-VM64-AWS, FortiGate-VM64-AWSONDEMAND, FortiGate-VM64-AZUREONDEMAND, FortiGate-VM64-Azure, FortiGate-VM64-GCP, VM64-GCPONDEMAND, FortiGate-VM64-HV, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-RAXONDEMAND, FortiGate-VM64-XEN, FortiGate-VMX-Service-Manager FortiOS-VM: FOS-VM64, FOS-VM64-HV, FOS-VM64-KVM, FOS-VM64-Xen FortiGate Rugged: FGR-30D, FGR-35D, FGR-60F, FGR-60F-3G4G, FGR-90D	6.2

Model	Firmware Version
FortiGate: FortiGate-30D, FortiGate-30D-POE, FortiGate-30E, FortiGate-30E-3G4G-GBL, FortiGate-30E-3G4G-INTL, FortiGate-30E-3G4G-NAM, FortiGate-50E, FortiGate-51E, FortiGate-52E, FortiGate-60D, FortiGate-60D-POE, FortiGate-60E, FortiGate-60E-DSL, FortiGate-60E-DSLJ, FortiGate-60E-POE, FortiGate-60F, FortiGate-61E, FortiGate-61F, FortiGate-70D, FortiGate-70D-POE, FortiGate-80C, FortiGate-80CM, FortiGate-80D, FortiGate-80E, FortiGate-80E-POE, FortiGate-81E, FortiGate-81E-POE, FortiGate-90D, FortiGate-90D-POE, FortiGate-90E, FortiGate-91E, FortiGate-92D, FortiGate-94D-POE, FortiGate-98D-POE, FortiGate-100D, FortiGate-100E, FortiGate-100EF, FortiGate-101E, FortiGate-140D, FortiGate-140D-POE, FortiGate-140E, FortiGate-140E-POE, FortiGate-200D, FortiGate-200D-POE, FortiGate-200E, FortiGate-201E, FortiGate-240D, FortiGate-240D-POE, FortiGate-280D-POE, FortiGate-300D, FortiGate-300E, FortiGate-301E, FortiGate-400D, FortiGate-400E, FortiGate-401E, FortiGate-500D, FortiGate-500E, FortiGate-501E, FortiGate-600C, FortiGate-600D, FortiGate-600E, FortiGate-601E, FortiGate-800C, FortiGate-800D, FortiGate-900D, FortiGate-1000C, FortiGate-1000D, FortiGate-1200D, FortiGate-1500D, FortiGate-1500DT, FortiGate-2000E, FortiGate-2500E, FortiGate-3000D, FortiGate-3100D, FortiGate-3200D, FortiGate-3400E, FortiGate-3401E, FortiGate-3600C, FortiGate-3600E, FortiGate-3700D, FortiGate-3800D, FortiGate-3810D, FortiGate-3815D, FortiGate-3960E, FortiGate-3980E FortiGate 5000 Series: FortiGate-5001D, FortiGate-5001E, FortiGate-5001E1 FortiGate 6000 Series: FortiGate-6000F, FortiGate-6300F, FortiGate-6301F, FortiGate-6500F, FortiGate-6501F FortiGate 7000 Series: FortiGate-7000E, FortiGate-7030E, FortiGate-7040E, FortiGate-7060E FortiGate DC: FortiGate-80C-DC, FortiGate-401E-DC, FortiGate-600C-DC, FortiGate-800C-DC, FortiGate-1000C-DC, FortiGate-1500D-DC, FortiGate-3000D-DC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3400E-DC, FortiGate-3401E-DC, FortiGate-3600C-DC, FortiGate-3600E-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3810D-DC, FortiGate-3815D-DC, FortiGate-3960E-ACDC, FortiGate-3960E-DC, FortiGate-3980E-DC, FortiGate-6000F-DC, FortiGate-6300F-DC, FortiGate-6301F-DC, FortiGate-6500F-DC, FortiGate-6501F-DC, FortiGate-7060E-8-DC FortiGate Hardware Low Encryption: FortiGate-80C-LENC, FortiGate-100D-LENC, FortiGate-600C-LENC, FortiGate-1000C-LENC Note: All license-based LENC is supported based on the FortiGate support list. FortiWiFi: FWF-30D, FWF-30D-POE, FWF-30E, FWF-30E-3G4G-INTL, FWF-30E-3G4G-NAM, FWF-50E, FWF-50E-2R, FWF-51E, FWF-60D, FWF-60D-POE, FWF-60E, FWF-60E-DSL, FWF-60E-DSLJ, FWF-61E, FWF-80CM, FWF-81CM, FWF-90D, FWF-90D-POE, FWF-92D FortiGate VM: FortiGate-VM64, FortiGate-VM64-ALI, FortiGate-VM64-ALIONDEMAND, FortiGate-VM64-AWS, FortiGate-VM64-AWSONDEMAND, FortiGate-VM64-AZUREONDEMAND, FortiGate-VM64-Azure, FortiGate-VM64-GCP, VM64-GCPONDEMAND, FortiGate-VM64-HV, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-RAXONDEMAND, FortiGate-VM64-XEN, FortiGate-VMX-Service-Manager FortiOS-VM: FOS-VM64, FOS-VM64-KVM, FOS-VM64-Xen FortiGate Rugged: FGR-30D, FGR-30D-ADSL-A, FGR-35D, FGR-60D, FGR-90D	6.0

Model	Firmware Version
FortiGate: FortiGate-30D, FortiGate-30D-POE, FortiGate-30E, FortiGate-30E-3G4G-INTL, FortiGate-30E-3G4G-NAM, FortiGate-50E, FortiGate-51E, FortiGate-52E, FortiGate-60D, FortiGate-60D-POE, FortiGate-60E, FortiGate-60E-DSL, FortiGate-60E-DSLJ, FortiGate-60E-POE, FortiGate-61E, FortiGate-70D, FortiGate-70D-POE, FortiGate-80C, FortiGate-80CM, FortiGate-80D, FortiGate-80E, FortiGate-80E-POE, FortiGate-81E, FortiGate-81E-POE, FortiGate-90D, FortiGate-90D-POE, FortiGate-90E, FortiGate-91E, FortiGate-92D, FortiGate-94D-POE, FortiGate-98D-POE, FortiGate-100D, FortiGate-100E, FortiGate-100EF, FortiGate-101E, FortiGate-140D, FortiGate-140D-POE, FortiGate-140E, FortiGate-140E-POE, FortiGate-200D, FortiGate-200D-POE, FortiGate-200E, FortiGate-201E, FortiGate-240D, FortiGate-240D-POE, FortiGate-280D-POE, FortiGate-300D, FortiGate-300E, FortiGate-301E, FortiGate-400D, FortiGate-500D, FortiGate-500E, FortiGate-501E, FortiGate-600C, FortiGate-600D, FortiGate-800C, FortiGate-800D, FortiGate-900D, FortiGate-1000C, FortiGate-1000D, FortiGate-1200D, FortiGate-1500D, FortiGate-1500DT, FortiGate-2500E, FortiGate-3000D, FortiGate-3100D, FortiGate-3200D, FortiGate-3240C, FortiGate-3600C, FortiGate-3700D, FortiGate-3700DX, FortiGate-3800D, FortiGate-3810D, FortiGate-3815D, FortiGate-3960E, FortiGate-3980E FortiGate 5000 Series: FortiGate-5001C, FortiGate-5001D, FortiGate-5001E FortiGate DC: FortiGate-80C-DC, FortiGate-600C-DC, FortiGate-800C-DC, FortiGate-800D-DC, FortiGate-1000C-DC, FortiGate-1500D-DC, FortiGate-3000D-DC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3240C-DC, FortiGate-3600C-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3810D-DC, FortiGate-3815D-DC, FortiGate-3960E-ACDC, FortiGate-3960E-DC, FortiGate-3980E-DC FortiGate Hardware Low Encryption: FortiGate-80C-LENC, FortiGate-100D-LENC, FortiGate-600C-LENC, FortiGate-1000C-LENC Note: All license-based LENC is supported based on the FortiGate support list. FortiWiFi: FWF-30D, FWF-30D-POE, FWF-30E, FWF-30E-3G4G-INTL, FWF-30E-3G4G-NAM, FWF-50E, FWF-50E-2R, FWF-51E, FWF-60D, FWF-60D-POE, FWF-60E, FWF-61E, FWF-80CM, FWF-81CM, FWF-90D, FWF-90D-POE, FWF-92D FortiGate VM: FortiGate-VM64, FortiGate-VM64-AWS, FortiGate-VM64-AWSONDEMAND, FortiGate-VM64-AZUREONDEMAND, FortiGate-VM64-Azure, FortiGate-VM64-GCP, FortiGate-VM64-HV, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-XEN, FortiGate-VMX-Service-Manager FortiOS-VM: FOS-VM64, FOS-VM64-HV, FOS-VM64-Xen FortiGate Rugged: FGR-30D, FGR-35D, FGR-60D, FGR-90D	5.6

FortiGate special branch models

The following FortiGate models are released on special branches of FortiOS. FortiAnalyzer version 7.2.1 supports these models on the identified FortiOS version and build number.

For information about supported FortiGate models released with FortiOS firmware, see [FortiGate models on page 24](#).

FortiOS 7.0

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-70F, FortiGate-71F	7.0.5	4530
FortiGate-3700F, FortiGate-3701F	7.0.6	6118
FortiGate-3000F	7.0.5	4451
FortiGate-3001F	7.0.5	4436

FortiOS 6.4

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-400F, FortiGate-401F	6.4.8	5206
FortiGate-600F	6.4.8	5306
FortiGate-601F	6.4.8	5301
FortiGate-3500F	6.4.6	5886
FortiGate-3501F	6.4.6	6132
FortiGate-6000F, FortiGate-6300F, FortiGate-6300F-DC, FortiGate-6301F, FortiGate-6301F-DC, FortiGate-6500F, FortiGate-6500F-DC, FortiGate-6501F, FortiGate-6501F-DC	6.4.8	1823
FortiGate-7000E, FortiGate-7030E, FortiGate-7040E, FortiGate-7060E, FortiGate-7060E-8-DC FortiGate-7000F, FortiGate-7121F, FortiGate-7121F-2, FortiGate-7121F-2-DC, FortiGate-7121F-DC	6.4.8	1823
FortiWiFi-80F-2R-3G4G-DSL FortiWiFi-81F-2R-3G4G-DSL	6.4.7	5003

FortiOS 6.2

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-80D	6.2.10	5168
FortiGate-200F, FortiGate-201F	6.2.8	7128
FortiGate-1800F, FortiGate-1800F-DC FortiGate-1801F, FortiGate-1801F-DC	6.2.9	7197

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-2600F, FortiGate-2600F-DC FortiGate-2601F, FortiGate-2601F-DC	6.2.9	7197
FortiGate-4200F, FortiGate-4200F-DC FortiGate-4201F, FortiGate-4201F-DC	6.2.9	7197
FortiGate-4400F, FortiGate-4400F-DC FortiGate-4401F, FortiGate-4401F-DC	6.2.9	7197
FortiGate-6000F, FortiGate-6300F, FortiGate-6300F-DC, FortiGate-6301F, FortiGate-6301F-DC, FortiGate-6500F, FortiGate-6500F-DC, FortiGate-6501F, FortiGate-6501F-DC	6.2.10	1211
FortiGate-7000E, FortiGate-7030E, FortiGate-7040E, FortiGate-7060E, FortiGate-7060E-8-DC FortiGate-7000F, FortiGate-7121F, FortiGate-7121F-2, FortiGate-7121F-2-DC, FortiGate-7121F-DC	6.2.10	1211
FortiWiFi-81F-2R-3G4G-DSL	6.2.6	7219

FortiOS 6.0

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-30E-3G4G-GBL	6.0	5486
FortiGate-40F, FortiGate-40F-3G4G	6.0	6887
FortiGate-41F	6.0.6	6445
FortiGate-41F-3G4G	6.0.6	6674
FortiGate-60F, FortiGate-61F	6.0	6890
FortiGate-100F, FortiGate-101F	6.0	6890
FortiGate-1100E, FortiGate-1100E-DC, FortiGate-1101E	6.0	6886
FortiGate-1800F, FortiGate-1800F-DC FortiGate-1801F, FortiGate-1801F-DC	6.0	6889
FortiGate-2200E, FortiGate-2201E, FortiGate-2201E-ACDC	6.0	6888
FortiGate-3300E, FortiGate-3301E	6.0	6888
FortiWiFi-40F, FortiWiFi-40F-3G4G	6.0	6887

FortiGate Model	FortiOS Version	FortiOS Build
FortiWiFi-41F	6.0.6	6674
FortiWiFi-41F-3G4G	6.0.6	6445
FortiWiFi-60F, FortiWiFi-61F	6.0	6890

FortiOS 5.6

FortiGate Model	FortiOS Version	FortiOS Build
FortiGate-5001E1	5.6	7796
FortiGate-6000F, FortiGate-6300F, FortiGate-6300F-DC, FortiGate-6301F, FortiGate-6301F-DC, FortiGate-6500F, FortiGate-6500F-DC, FortiGate-6501F, FortiGate-6501F-DC	5.6.12	4286
FortiGate-7000E, FortiGate-7030E, FortiGate-7040E, FortiGate-7060E, FortiGate-7060E-8-DC	5.6.12	4286
FWF-60E-DSL, FWF-60E-DSLJ	5.6.8	4211
FortiOS-VM64-KVM	5.6	4081

FortiCarrier models

The following FortiCarrier models are released with FortiCarrier firmware.

For information about supported FortiCarrier models on special branch releases of FortiCarrier firmware, see [FortiCarrier special branch models on page 34](#).

Model	Firmware Version
FortiCarrier: FortiCarrier-3000D, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3300E, FortiCarrier-3301E, FortiCarrier-3400E, FortiCarrier-3401E, FortiCarrier-3500F, FortiCarrier-3501F, FortiCarrier-3600E, FortiCarrier-3601E, FortiCarrier-3700D, FortiCarrier-3800D, FortiCarrier-3960E, FortiCarrier-3980E, FortiCarrier-4200F, FortiCarrier-4201F, FortiCarrier-4400F, FortiCarrier-4401F, FortiCarrier-5001E, FortiCarrier-5001E1 FortiCarrier-DC: FortiCarrier-3000D-DC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3400E-DC, FortiCarrier-3401E-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC, FortiCarrier-4200F-DC, FortiCarrier-4201F-DC, FortiCarrier-4400F-DC, FortiCarrier-4401F-DC FortiCarrier-VM: FortiCarrier-ARM64-AWS, FortiCarrier-ARM64-KVM, FortiCarrier-VM64, FortiCarrier-VM64-ALI, FortiCarrier-VM64-AWS, FortiCarrier-VM64-Azure, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-IBM, FortiCarrier-VM64-KVM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen	7.2

Model	Firmware Version
FortiCarrier: FortiCarrier-3000D, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3300E, FortiCarrier-3301E, FortiCarrier-3400E, FortiCarrier-3401E, FortiCarrier-3500F, FortiCarrier-3501F, FortiCarrier-3600E, FortiCarrier-3601E, FortiCarrier-3700D, FortiCarrier-3800D, FortiCarrier-3810D, FortiCarrier-3815D, FortiCarrier-3960E, FortiCarrier-3980E, FortiCarrier-5001D, FortiCarrier-5001E, FortiCarrier-5001E1 FortiCarrier-DC: FortiCarrier-3000D-DC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3400E-DC, FortiCarrier-3401E-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3810D-DC, FortiCarrier-3815D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC FortiCarrier-VM: FortiCarrier-ARM64-KVM, FortiCarrier-VM64, FortiCarrier-VM64-ALI, FortiCarrier-VM64-AWS, FortiCarrier-VM64-Azure, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-IBM, FortiCarrier-VM64-KVM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen, FortiCarrier-ARM64-KVM	7.0
FortiCarrier: FortiCarrier-3000D, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3300E, FortiCarrier-3301E, FortiCarrier-3400E, FortiCarrier-3401E, FortiCarrier-3500F, FortiCarrier-3501F, FortiCarrier-3600E, FortiCarrier-3601E, FortiCarrier-3700D, FortiCarrier-3800D, FortiCarrier-3810D, FortiCarrier-3815D, FortiCarrier-3960E, FortiCarrier-3980E, FortiCarrier-5001D, FortiCarrier-5001E, FortiCarrier-5001E1 FortiCarrier-DC: FortiCarrier-3000D-DC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3400E-DC, FortiCarrier-3401E-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3810D-DC, FortiCarrier-3815D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC FortiCarrier-VM: FortiCarrier-VM64, FortiCarrier-VM64-ALI, FortiCarrier-VM64-AWS, FortiCarrier-VM64-Azure, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-IBM, FortiCarrier-VM64-KVM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen	6.4
FortiCarrier: FortiCarrier-3000D, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3300E, FortiCarrier-3301E, FortiCarrier-3400E, FortiCarrier-3401E, FortiCarrier-3600E, FortiCarrier-3601E, FortiCarrier-3700D, FortiCarrier-3800D, FortiCarrier-3810D, FortiCarrier-3815D, FortiCarrier-3960E, FortiCarrier-3980E, FortiCarrier-5001D, FortiCarrier-5001E, FortiCarrier-5001E1 FortiCarrier-DC: FortiCarrier-3000D-DC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3400E-DC, FortiCarrier-3401E-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3810D-DC, FortiCarrier-3815D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC FortiCarrier 6K and 7K: FortiCarrier-6000F, FortiCarrier-6300F, FortiCarrier-6301F, FortiCarrier-6500F, FortiCarrier-6501F, FortiCarrier-7000E, FortiCarrier-7030E, FortiCarrier-7040E, FortiCarrier-7060E, FortiCarrier-7000F, FortiCarrier-7121F, FortiCarrier-7121F-2 FortiCarrier 6K and 7K DC: FortiCarrier-6000F-DC, FortiCarrier-6300F-DC, FortiCarrier-6301F-DC, FortiCarrier-6500F-DC, FortiCarrier-6501F-DC, FortiCarrier-7060E-8-DC, FortiCarrier-7121F-DC, FortiCarrier-7121F-2-DC FortiCarrier-VM: FortiCarrier-VM64, FortiCarrier-VM64-ALI, FortiCarrier-VM64-AWS, FortiCarrier-VM64-Azure, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-KVM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen	6.2

Model	Firmware Version
FortiCarrier: FortiCarrier-3000D, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3400E, FortiCarrier-3401E, FortiCarrier-3600E, FortiCarrier-3601E, FortiCarrier-3700D, FortiCarrier-3800D, FortiCarrier-3810D, FortiCarrier-3815D, FortiCarrier-3960E, FortiCarrier-3980E, FortiCarrier-5001D, FortiCarrier-5001E, FortiCarrier-5001E1 FortiCarrier-DC: FortiCarrier-3000D-DC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3400E-DC, FortiCarrier-3401E-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3810D-DC, FortiCarrier-3815D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC FortiCarrier-VM: FortiCarrier-VM64, FortiCarrier-VM64-ALI, FortiCarrier-VM64-AWS, FortiCarrier-VM64-AWSONDEMAND, FortiCarrier-VM64-Azure, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-KVM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen	6.0
FortiCarrier: FortiCarrier-3000D, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3240C, FortiCarrier-3600C, FortiCarrier-3700D, FortiCarrier-3700DX, FortiCarrier-3800D, FortiCarrier-3810D, FortiCarrier-3815D, FortiCarrier-3960E, FortiCarrier-3980E, FortiCarrier-5001C, FortiCarrier-5001D, FortiCarrier-5001E FortiCarrier-DC: FortiCarrier-3000D-DC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3240C-DC, FortiCarrier-3600C-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3810D-DC, FortiCarrier-3815D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC FortiCarrier-VM: FortiCarrier-VM64, FortiCarrier-VM64-ALI, FortiCarrier-VM64-AWS, FortiCarrier-VM64-AWSONDEMAND, FortiCarrier-VM64-Azure, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-KVM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen	5.6

FortiCarrier special branch models

The following FortiCarrier models are released on special branches of FortiOS Carrier. FortiAnalyzer version 7.2.1 supports these models on the identified FortiOS Carrier version and build number.

For information about supported FortiCarrier models released with FortiOS Carrier firmware, see [FortiCarrier models on page 32](#).

FortiCarrier 7.0

FortiCarrier Model	FortiCarrier Version	FortiCarrier Build
FortiCarrier-3700F FortiCarrier-3701F	7.0.6	6118
FortiCarrier-3000F	7.0.5	4451
FortiCarrier-3001F	7.0.5	4436

FortiCarrier 6.4

FortiCarrier Model	FortiCarrier Version	FortiCarrier Build
FortiCarrier-6000F, FortiCarrier-6300F, FortiCarrier-6300F-DC, FortiCarrier-6301F, FortiCarrier-6301F-DC, FortiCarrier-6500F, FortiCarrier-6500F-DC, FortiCarrier-65001F, FortiCarrier-6501F-DC FortiCarrier-7000E, FortiCarrier-7030E, FortiCarrier-7040E, FortiCarrier-7060E, FortiCarrier-7060E-8-DC FortiCarrier-7000F, FortiCarrier-7121F, FortiCarrier-7121F-2, FortiCarrier-7121F-2- DC, FortiCarrier-7121F-DC	6.4.8	1823

FortiCarrier 6.2

FortiCarrier Model	FortiCarrier Version	FortiCarrier Build
FortiCarrier-4200F, FortiCarrier-4200F-DC FortiCarrier-4201F, FortiCarrier-4201F-DC FortiCarrier-4400F, FortiCarrier-4400F-DC, FortiCarrier-4401F, FortiCarrier-4401F-DC	6.2.9	7197
FortiCarrier-6000F, FortiCarrier-6300F, FortiCarrier-6300F-DC, FortiCarrier-6301F, FortiCarrier-6301F-DC, FortiCarrier-6500F, FortiCarrier-6500F-DC, FortiCarrier-65001F, FortiCarrier-6501F-DC FortiCarrier-7000E, FortiCarrier-7030E, FortiCarrier-7040E, FortiCarrier-7060E, FortiCarrier-7060E-8-DC FortiCarrier-7000F, FortiCarrier-7121F, FortiCarrier-7121F-2, FortiCarrier-7121F-2- DC, FortiCarrier-7121F-DC	6.2.10	1211

FortiCarrier 6.0

FortiCarrier Model	FortiCarrier Version	FortiCarrier Build
FortiCarrier-VM64-Azure	6.0	5485

FortiCarrier 5.6

FortiCarrier Model	FortiCarrier Version	FortiCarrier Build
FortiCarrier-6000F, FortiCarrier-6300F, FortiCarrier-6300F-DC, FortiCarrier-6301F, FortiCarrier-6301F-DC, FortiCarrier-6500F, FortiCarrier-6500F-DC, FortiCarrier-65001F, FortiCarrier-6501F-DC FortiCarrier-7000E, FortiCarrier-7030E, FortiCarrier-7040E, FortiCarrier-7060E, FortiCarrier-7060E-8-DC	5.6.12	4286

FortiADC models

Model	Firmware Version
FortiADC: FortiADC-100F, FortiADC-120F, FortiADC-200D, FortiADC-200F, FortiADC-220F, FortiADC-300D, FortiADC-300F, FortiADC-400D, FortiADC-400F, FortiADC-700D, FortiADC-1000F, FortiADC-1200F, FortiADC-1500D, FortiADC-2000D, FortiADC-2000F, FortiADC-2200F, FortiADC-4000D, FortiADC-4000F, FortiADC-4200F, FortiADC-5000F FortiADC VM: FortiADC-VM	7.0
FortiADC: FortiADC-100F, FortiADC-120F, FortiADC-200D, FortiADC-200F, FortiADC-220F, FortiADC-300D, FortiADC-300F, FortiADC-400D, FortiADC-400F, FortiADC-700D, FortiADC-1000F, FortiADC-1200F, FortiADC-1500D, FortiADC-2000D, FortiADC-2000F, FortiADC-2200F, FortiADC-4000D, FortiADC-4000F, FortiADC-4200F, FortiADC-5000F FortiADC VM: FortiADC-VM	6.2
FortiADC: FortiADC-100F, FortiADC-200D, FortiADC-200F, FortiADC-220F, FortiADC-300D, FortiADC-300F, FortiADC-400D, FortiADC-400F, FortiADC-700D, FortiADC-1000F, FortiADC-1200F, FortiADC-1500D, FortiADC-2000D, FortiADC-2000F, FortiADC-2200F, FortiADC-4000D, FortiADC-4000F, FortiADC-4200F, FortiADC-5000F FortiADC VM: FortiADC-VM	6.0, 6.1

FortiNDR and FortiAI models

Model	Firmware Version
FortiAI: FAI-3500F FortiAI-VM: FAI-VM, FAI-KVM	7.0
FortiAI: FAI-3500F FortiAI-VM: FAI-VM, FAI-KVM	1.5

FortiAnalyzer models

Model	Firmware Version
FortiAnalyzer: FortiAnalyzer-150G, FortiAnalyzer-300F, FortiAnalyzer-300G, FortiAnalyzer-400E, FortiAnalyzer-800F, FortiAnalyzer-800G, FortiAnalyzer-1000F, FortiAnalyzer-2000E, FortiAnalyzer-3000F, FortiAnalyzer-3000G, FortiAnalyzer-3500E, FortiAnalyzer-3500F, FortiAnalyzer-3500G, FortiAnalyzer-3700F, FAZ-3700G. FortiAnalyzer VM: FortiAnalyzer-DOCKER, FortiAnalyzer-VM64, FortiAnalyzer-VM64-ALI, FortiAnalyzer-VM64-AWS, FortiAnalyzer-VM64-AWS-OnDemand, FortiAnalyzer-VM64-Azure, FortiAnalyzer-VM64-GCP, FortiAnalyzer-VM64-IBM, FortiAnalyzer-VM64-HV, FortiAnalyzer-VM64-KVM, FortiAnalyzer-VM64-OPC, FortiAnalyzer-VM64-Xen	7.2
FortiAnalyzer: FortiAnalyzer-150G, FortiAnalyzer-200F, FortiAnalyzer-300F, FortiAnalyzer-300G, FortiAnalyzer-400E, FortiAnalyzer-800F, FortiAnalyzer-800G, FortiAnalyzer-1000E, FortiAnalyzer-1000F, FortiAnalyzer-2000E, FortiAnalyzer-3000E, FortiAnalyzer-3000F, FortiAnalyzer-3000G, FortiAnalyzer-3500E, FortiAnalyzer-3500F, FortiAnalyzer-3500G, FortiAnalyzer-3700F, FortiAnalyzer-3700G, FortiAnalyzer-3900E FortiAnalyzer VM: FortiAnalyzer-DOCKER, FortiAnalyzer-VM64, FortiAnalyzer-VM64-AWS, FortiAnalyzer-VM64-Azure, FortiAnalyzer-VM64-GCP, FortiAnalyzer-VM64-HV, FortiAnalyzer-VM64-IBM, FortiAnalyzer-VM64-KVM, FortiAnalyzer-VM64-OPC, FortiAnalyzer-VM64-Xen	7.0
FortiAnalyzer: FortiAnalyzer-150G, FortiAnalyzer-200F, FortiAnalyzer-300F, FortiAnalyzer-300G, FortiAnalyzer-400E, FortiAnalyzer-800F, FortiAnalyzer-800G, FortiAnalyzer-1000E, FortiAnalyzer-1000F, FortiAnalyzer-2000E, FortiAnalyzer-3000E, FortiAnalyzer-3000F, FortiAnalyzer-3000G, FortiAnalyzer-3500E, FortiAnalyzer-3500F, FortiAnalyzer-3500G, FortiAnalyzer-3700F, FortiAnalyzer-3700G, FortiAnalyzer-3900E FortiAnalyzer VM: FortiAnalyzer-DOCKER, FortiAnalyzer-VM64, FortiAnalyzer-VM64-ALI, FortiAnalyzer-VM64-ALI-OnDemand, FortiAnalyzer-VM64-AWS, FortiAnalyzer-VM64-AWSOnDemand, FortiAnalyzer-VM64-Azure, FortiAnalyzer-VM64-Azure-OnDemand, FortiAnalyzer-VM64-GCP, FortiAnalyzer-VM64-GCP-OnDemand, FortiAnalyzer-VM64-HV, FortiAnalyzer-VM64-KVM, FortiAnalyzer-VM64-OPC, FortiAnalyzer-VM64-Xen	6.4

FortiAuthenticator models

Model	Firmware Version
FortiAuthenticator: FAC-200D, FAC-200E, FAC-300F, FAC-400C, FAC-400E, FAC-800F, FAC-1000C, FAC-1000D, FAC-2000E, FAC-3000D, FAC-3000E FortiAuthenticator VM: FAC-VM	6.2, 6.3, 6.4

FortiCache models

Model	Firmware Version
FortiCache: FCH-400C, FCH-400E, FCH-1000C, FCH-1000D, FCH-3000C, FCH-3000D, FCH-3000E, FCH-3900E FortiCache VM: FCH-KVM, FCH-VM64	4.1, 4.2
FortiCache: FCH-400C, FCH-400E, FCH-1000C, FCH-1000D, FCH-3000C, FCH-3000D, FCH-3900E FortiCache VM: FCH-VM64	4.0

FortiDDoS models

Model	Firmware Version
FortiDDoS: FortiDDoS-2000F	6.3
FortiDDoS: FortiDDoS-200F, FortiDDoS-1500F, FortiDDoS VM: FortiDDoS-VM	6.1, 6.2, 6.3

FortiDeceptor models

Model	Firmware Version
FortiDeceptor: FDC-1000F, FDC-1000G FortiDeceptor Rugged: FDCR-100G FortiDeceptor VM: FDC-VM	4.2
FortiDeceptor: FDC-1000F, FDC-1000G FortiDeceptor Rugged: FDCR-100G FortiDeceptor VM: FDC-VM	4.1
FortiDeceptor: FDC-1000F, FDC-1000G FortiDeceptor Rugged: FDCR-100G FortiDeceptor VM: FDC-VM	4.0

FortiFirewall models

Some of the following FortiFirewall models are released on special branches of FortiFirewall firmware. FortiAnalyzer version 7.2.1 supports these models on the identified FortiFirewall firmware version and build number.

Model	Firmware Version	Firmware Build
FortiFirewall: FortiFirewall-3980E FortiFirewall DC: FortiFirewall-3980E-DC	6.2	1262

Model	Firmware Version	Firmware Build
FortiFirewall: FortiFirewall-4200F	6.2.7	5141
FortiFirewall: FortiFirewall-4400F	6.2.7	5148

FortiFirewallCarrier models

The following FortiFirewallCarrier models are released on special branches of FortiFirewallCarrier firmware. FortiAnalyzer version 7.2.1 supports these models on the identified FortiFirewallCarrier firmware version and build number.

Model	Firmware Version	Firmware Build
FortiFirewallCarrier: FortiFirewallCarrier-4200F, FortiFirewallCarrier-4400F	6.2.7	5148

FortiMail models

Model	Firmware Version
FortiMail: FE-60D, FE-200D, FE-200E, FE-200F, FE-400E, FE-400F, FE-900F, FE-2000F, FE-3000F	7.2
FortiMail: FE-60D, FE-200D, FE-200E, FE-200F, FE-400E, FE-400F, FE-900F, FE-1000D, FE-2000E, FE-2000F, FE-3000D, FE-3000E, FE-3000F, FE-3200E FortiMail VM: FML-VM	7.0
FortiMail: FE-60D, FE-200D, FE-200E, FE-200F, FE-400E, FE-400F, FE-900F, FE-1000D, FE-2000E, FE-3000D, FE-3000E, FE-3200E FortiMail VM: FML-VM	6.4

FortiNAC models

Model	Firmware Version
FortiNAC: FortiNAC-500, FortiNAC-600, FortiNAC-700, FortiNAC-C-1000C, FortiNAC-C-2000C, FortiNAC-Manager-550 FortiNAC VM: FortiNAC-C-VM, FortiNAC-M-VM	9.4
FortiNAC: FortiNAC-500, FortiNAC-600, FortiNAC-700, FortiNAC-C-1000C, FortiNAC-C-2000C, FortiNAC-Manager-550 FortiNAC VM: FortiNAC-C-VM, FortiNAC-CA-VM, FortiNAC-M-VM	9.1, 9.2

FortiProxy models

Model	Firmware Version
FortiProxy: FPX-400E, FPX-2000E, FPX-4000E	7.0
FortiProxy VM: FortiProxy-AWS, FortiProxy-Azure, FortiProxy-GCP, FortiProxy-HyperV, FortiProxy-KVM, FortiProxy-VM64	
FortiProxy: FPX-400E, FPX-2000E, FPX-4000E	1.2, 2.0
FortiProxy VM: FortiProxy-KVM, FortiProxy-VM64	

FortiSandbox models

Model	Firmware Version
FortiSandbox: FSA-500F, FSA-1000D, FSA-1000F, FSA-2000E, FSA-3000D, FSA-3000E, FSA-3000F, FSA-3500D	4.2
FortiSandbox DC: FSA-1000F-DC	
FortiSandbox-VM: FortiSandbox-AWS, FortiSandbox-Cloud, FSA-VM	
FortiSandbox: FSA-500F, FSA-1000D, FSA-1000F, FSA-2000E, FSA-3000D, FSA-3000E, FSA-3000F, FSA-3500D	4.0
FortiSandbox DC: FSA-1000F-DC	
FortiSandbox-VM: FortiSandbox-AWS, FortiSandbox-Cloud, FSA-VM	
FortiSandbox: FSA-500F, FSA-1000D, FSA-1000F, FSA-2000E, FSA-3000D, FSA-3000E, FSA-3500D	3.2
FortiSandbox DC: FSA-1000F-DC	
FortiSandbox-VM: FortiSandbox-AWS, FSA-VM	

FortiSOAR models

Model	Firmware Version
FortiSOAR VM: FortiSOAR-VM	6.4, 7.0, 7.2

FortiSwitch ATCA models

Model	Firmware Version
FortiController: FTCL-5103B, FTCL-5903C, FTCL-5913C	5.2
FortiSwitch-ATCA: FS-5003A, FS-5003B	5.0
FortiController: FTCL-5103B	
FortiSwitch-ATCA: FS-5003A, FS-5003B	4.3

FortiWeb models

Model	Firmware Version
FortiWeb: FortiWeb-100D, FortiWeb-100E, FortiWeb-400C, FortiWeb-400D, FortiWeb-400E, FortiWeb-600D, FortiWeb-600E, FortiWeb-1000D, FortiWeb-1000E, FortiWeb-2000E, FortiWeb-2000F, FortiWeb-3000C, FortiWeb-3000CFSX, FortiWeb-3000D, FortiWeb-3000DFSX, FortiWeb-3000E, FortiWeb-3000F, FortiWeb-3010E, FortiWeb-4000C, FortiWeb-4000D, FortiWeb-4000E, FortiWeb-4000F FortiWeb VM: FortiWeb-Azure, FortiWeb-Azure_OnDemand, FortiWeb-Docker, FortiWeb-GCP, FortiWeb-GCP_OnDemand, FortiWeb-HyperV, FortiWeb-VM, FortiWeb-XENOpenSource, FortiWeb-XENServer	6.4, 7.0
FortiWeb: FortiWeb-100D, FortiWeb-100E, FortiWeb-400C, FortiWeb-400D, FortiWeb-400E, FortiWeb-600D, FortiWeb-600E, FortiWeb-1000D, FortiWeb-1000E, FortiWeb-2000E, FortiWeb-3000C, FortiWeb-3000CFSX, FortiWeb-3000D, FortiWeb-3000DFSX, FortiWeb-3000E, FortiWeb-3010E, FortiWeb-4000C, FortiWeb-4000D, FortiWeb-4000E FortiWeb VM: FortiWeb-Azure, FortiWeb-Azure_OnDemand, FortiWeb-Docker, FortiWeb-GCP, FortiWeb-GCP_OnDemand, FortiWeb-HyperV, FortiWeb-VM, FortiWeb-XENOpenSource, FortiWeb-XENServer	6.3

Resolved Issues

The following issues have been fixed in FortiAnalyzer version 7.2.1. For inquiries about a particular bug, please contact [Customer Service & Support](#).

Device Manager

Bug ID	Description
811627	FortiWeb FlexVM is not supported by FAZ.
816072	In <i>Device Manager</i> , model device configured with pre-shared key is not auto authorized.

FortiSOC

Bug ID	Description
769793	Incidents cannot be modified.
773382	Running AV scan playbook takes a long time to load for all the endpoints, and users cannot see any progress bar.
777901	EMS cloud playbooks failed due to the error connecting to EMS FortiClient Cloud.
783212	Error Message <i>403 Client Error</i> is seen when configuring FML connector under the <i>Connectors</i> .
814419	When creating or configuring a playbook from scratch for an incident, the task status failed because of a missing category.
821135	EMS connector status is inconsistent.

FortiView

Bug ID	Description
754733	The <i>No entry found.</i> error is displayed when checking the <i>Top Cloud Applications</i> logs under <i>FortiView</i> .
760228	<i>FortiView</i> displays higher bandwidth value than <i>Report</i> .

Bug ID	Description
794491	SD-WAN widgets do not display data properly.
798471	<i>Top SD-WAN Device Throughput</i> widget is displaying wrong numbers.
818077	Top application axis labels are not displayed correctly in <i>Monitor</i> section.
822462	<i>Secure SD-WAN Monitor</i> devices are not sorted alphabetically like other widgets.
822471	<i>SD-WAN Performance Status</i> widget under the <i>Secure Monitor</i> displays gray intervals, even when data is available.

Log View

Bug ID	Description
682584	FCT logging for Chromebook stops intermittently and can only be resumed by restarting FortiAnalyzer.
742643	Traffic logs for more than one day cannot be downloaded.
769430	The log browse device list does not display all devices.
779893	The <code>dstowner</code> field is not allowed for filter in traffic logs.
787988	Downloading high volume of logs takes a long time and fails at the end.

Others

Bug ID	Description
719298	FortiAnalyzer failed to provide data in API response to FortiPortal request.
750709	Policy Analyzer application exists on the MEA of FortiAnalyzer.
773745	FortiAnalyzer should try to connect to FortiClient or <i>forticlient-emsproxy.forticloud.com</i> when enabling EMS Cloud.
798630	Typo in widget name <i>Top SD-WAN Device Throughout</i> .
804868	FortiAnalyzer log and logs-only backup do not work if using server-name instead of server IP address.
804934	Type mismatch error is displayed for the column <i>dstuuid</i> .
805509	FGTs cannot display logs from FAZ.

Reports

Bug ID	Description
754265	Scheduled reports are not generated as configured.
766123	The <i>Selected data binding is invalid</i> error is shown for <i>Data Binding</i> in the chart details for <i>Traffic statistic</i> .
769473	FortiAnalyzer displays the error message <i>At least one column is required</i> . when creating a join statement from temporary tables and mapping it to a chart.
770191	The SD-WAN internal and external throughput values are displayed incorrectly.
783172	Reports may only show 64 device report details after upgrade.
806284	FortiAnalyzer wrongly mixes and displays multiple device or customer info in the same report.
816975	Unable to upload the report to server by output profile.
817871	Session data is displayed improperly on predefined chart <i>Top 30 users by bandwidth and sessions</i> .
821794	Predefined dataset (<i>fml-History-Top-Sender</i>) result is not right with nested count.

System Settings

Bug ID	Description
669478	Several dev-type mismatches have been observed between CLI and GUI under log-forwarding configuration.
695968	In the local event logs, <i>Device Name</i> doesn't match the FAZ's hostname.
741288	SSO users cannot connect to the map server.
745468	Enabling the SNMP event <code>raid-changed</code> in CLI does not enable it on the GUI.
784290	Primary FAZ shows the secondary FAZ hostname incorrectly.
784345	FortiAnalyzer connects to map server and GeoIP server directly even when the web-proxy is enabled.
793006	When <i>Forward</i> server is disabled, user has no visibility on the log forwarding servers setting.
801936	FGFM access cannot be set for IPv6 interface when FortiAnalyzer has FIPS mode enabled.
804897	The Log forward configuration with IPv6 address destination cannot be set from the GUI.
813243	FAZ log-forwarding unable to forward FortiManager events with Log-ID filter to syslog.
815644	In FAZ cannot configure log forwarding exclusions for FortiClient.

Known Issues

The following issues have been identified in FortiAnalyzer version 7.2.1. For inquiries about a particular bug or to report a bug, please contact [Fortinet Customer Service & Support](#).

FortiView

Bug ID	Description
709285	Threat map under the <i>FortiView</i> is blank.

Others

Bug ID	Description
698361	SNMPv3 engineBoots may not properly be initialized.

Reports

Bug ID	Description
764194	Playbooks <code>run_report</code> fails with <i>missing device(s)</i> if <i>Playbook Starter</i> as device filter is selected.
771072	Secure SD-WAN CSV report does not show device names for charts.

System Settings

Bug ID	Description
819726	FAZ HA configuration sync is down after a cluster upgrade.

Appendix A - Default and maximum number of ADOMs supported

This section identifies the supported number of ADOMs for FortiAnalyzer hardware models and virtual machines.

See also the [FortiAnalyzer Data Sheet](#).

Hardware models



For ADOM subscription licenses, FortiAnalyzer enforces the ADOM limits.

For hardware models that do not support the ADOM subscription license, ADOM limits are recommended, but not enforced.

FortiAnalyzer supports a default number of ADOMs based on hardware model.

Some hardware models support an ADOM subscription license. When you purchase an ADOM subscription license, you increase the number of supported ADOMs. For example, you can purchase an ADOM subscription license for the FAZ-3000G series, which allows you to use up to a maximum of 1200 ADOMs.

Other hardware models do not support the ADOM subscription license. For hardware models that do not support the ADOM subscription license, the default and maximum number of ADOMs is the same.

FortiAnalyzer Platform	Default number of ADOMs	ADOM license support?	Maximum number of ADOMs
Desktop models	1		1
300F/300G and 400E Series	25		25
800F/800G and 1000F Series	50		50
2000E Series	250		250
3000F Series	500		500
3000G Series	500	✓	1200
3500F/3500G	500		500
3700F Series	1200		1200
3700G Series	1200	✓	10,000

Virtual Machines



For subscription licenses, FortiAnalyzer enforces the ADOM limits.
For perpetual licenses, ADOM limits are recommended, but not enforced.

FortiAnalyzer subscription license

Five (5) ADOMs are included with FortiAnalyzer VM subscription licenses. Licenses are non-stackable. Additional ADOMs can be purchased with an ADOM subscription license.

FortiAnalyzer perpetual license

Recommended maximum number of ADOMs supported:

FortiAnalyzer Platform	Default number of ADOMs
1 GB/Day < License <= 5 GB/Day	10
5 GB/Day < License <= 25 GB/Day	25
25 GB/Day < License <= 100 GB/Day	50
100 GB/Day < License <= 500 GB/Day	250
500 GB/Day < License <= 1000 GB/Day	500
1000 GB/Day < License <= 5000 GB/Day	800
License > 5000 GB/Day	1200



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